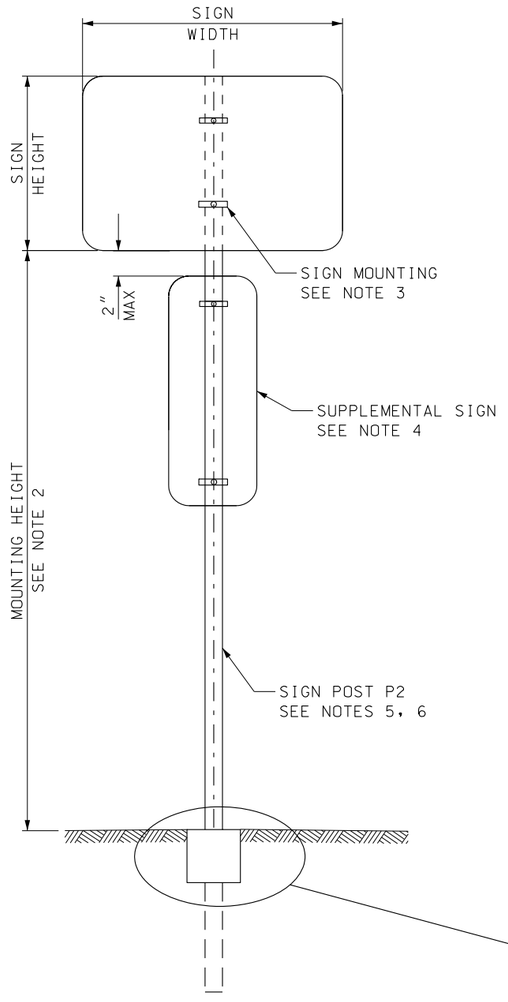
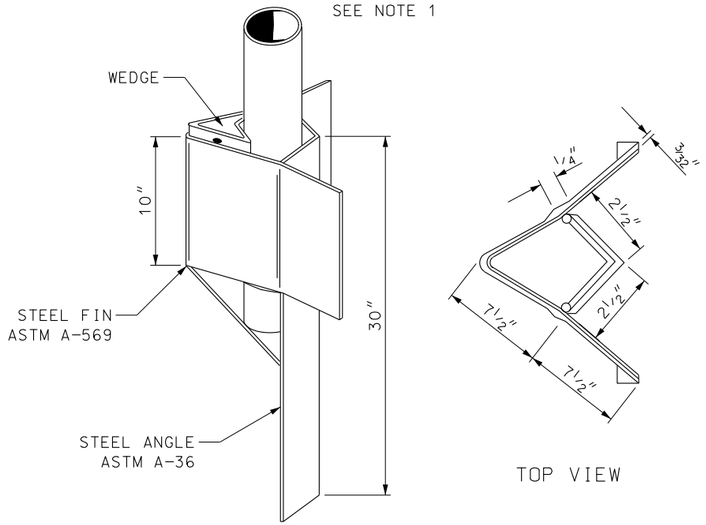
SMALL SIGN TUBULAR STEEL POST BASE (B2A)

(TRIANGULAR STEEL ANCHOR SYSTEM)

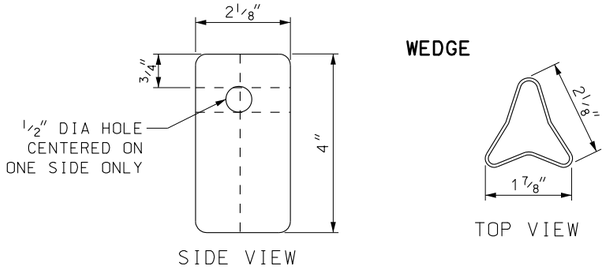
(SINGLE POST APPLICATION ONLY)

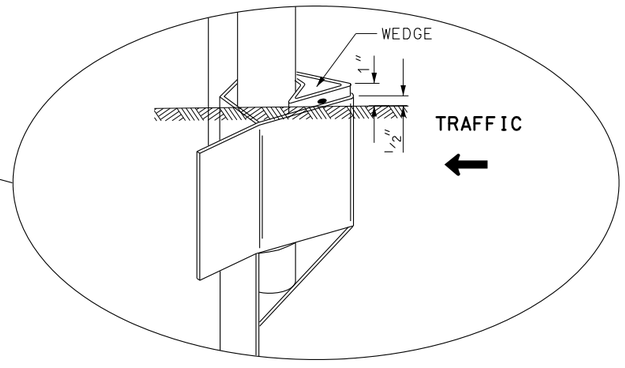




TRIANGULAR STEEL SIGN POST ANCHOR

GALVANIZE AFTER FABRICATION





POST SELECTION GUIDE *

SIGN HEIGHT(FT.) \ SIGN WIDTH (FT.)	1	2	2.5	3
1	P2	P2	P2	P2
2	P2	P2	P2	P2
2.5	P2	P2	P2	P2
3	P2	P2	P2	
4	P2	P2		

* POST SELECTION GUIDE ASSUMES A 7' MOUNTING HEIGHT FROM BOTTOM OF SIGN. MAXIMUM MOUNTING HEIGHT 8 FEET. IF MOUNTING HEIGHT REQUIREMENTS ARE GREATER, ANOTHER SIGN BASE OPTION IS REQUIRED.

POST SIZE AND SIGN SIZE DETERMINED BY BASE MANUFACTURER'S WIND LOADING REQUIREMENTS.

POST DETAIL CHART (SINGLE POST ONLY)

POST TYPE	OUTSIDE DIAMETER	WALL THICKNESS (GAUGE)	MATERIAL AND COATING REQUIREMENTS
P2	2 3/8"	0.095" (13 GAUGE)	ASTM-513 GALVANIZED TO MEET ASTM A-653-G90
DO NOT USE "T" OR "U" BRACKET			

POST NOTES:

POSTS PRE-PUNCHED WITH 3/8" HOLES, MOUNT SIGN DIRECTLY TO POST OR USE AN APPROVED MOUNTING CLAMP. SPACING OF HOLES FROM TOP IN INCHES ARE AS FOLLOWS:

1",3",10",16",21",23",24",27",33",37",39" AND 45"

DRIVE ANCHOR INSTALLATION NOTES:

1. DRIVE POST ANCHOR FLUSH WITH GROUND LINE. ORIENT ANCHOR SO WEDGE INSTALLATION IS TOWARD APPROACH TRAFFIC.
2. INSTALL WEDGE WITH 1" MAX EXPOSURE TO TOP OF ANCHOR.

NOTES:

1. USE TRIANGULAR POST ANCHOR IN DENSE OR STIFF SOILS ONLY. USE BASE B1 STD DWG SN 9A OR BASE B2B STD DWG SN 9C WHEN LOOSE OR SOFT SOILS ARE ENCOUNTERED.
2. REFER TO STD DWG SN 7 FOR MOUNTING HEIGHT AND OFFSET REQUIREMENTS.
3. REFER TO STD DWG SN 13A FOR SIGN MOUNTING REQUIREMENTS.
4. WHEN INSTALLING A SUPPLEMENTAL SIGN DO NOT EXCEED MAXIMUM SQUARE FOOTAGE OF POST REQUIREMENTS BY MORE THAN 25%.
   (EX: POST P2 MAX. SIGN SIZE 2'W x 4'H=8 SQ.FT. + 25%=10 SQ.FT.=(2'W x 4'H)+(1'W x 2'H)=10).
5. DO NOT USE "T" OR "U" BRACKET WITH THIS SIGN BASE.
6. USE OF YELLOW POSTS FOR LEFT SIDE (MEDIAN) INSTALLATION OR FOR LOCATIONS WITH A HIGH PROBABILITY OF BEING IMPACTED IS PERMITTED WHEN APPROVED BY REGION TRAFFIC ENGINEER.

REVISIONS

NO.	DATE	APPR.	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION

STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — JAN.01.2008 DATE

CHAIRMAN STANDARDS COMMITTEE APPROVED — JAN.01.2008 DATE

DEPUTY DIRECTOR

SMALL SIGN TUBULAR STEEL POST BASE (B2A)

STANDARD DRAWING TITLE

STD DWG SN 9B

DGN File:L:\Standard Drawings\Imperial\2008pproved\Signs (SN)\SN09B.dgn

18-DEC-2007